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ABSTRACT OF THE DISCLOSURE

The invention, in one particular embodiment is a bus system, comprising a bus, a first bus device on the bus at a virtual address and at a first physical address on the bus, and a second bus device on the bus at a second virtual address and a second physical address. The bus system further comprises a map of the first and second virtual addresses to the first and second physical addresses, respectively, encoded on a program storage medium, the map being accessible over the bus.